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Copy 3 of 5

22 October 1969

MEMORANDUM FOR: Lockheed Aircraft Corporation

ATTENTION :

SUBJECT : Information on Parachute Mid-Air  
Modification

REFERENCE : Headquarter's Message 7350, Dated  
15 October 1969

For your information, the following items are  
attached:

Attachment 1 - T. O. 14D1-2-613

Attachment 2 - Trip Report on Tests Conducted on Q225  
Parachute Canopy Using Release Method

Attachment 3 - Tests Conducted on Cygnus Parachute Mid-  
Air Modification Using Old Method,  
Cutting Lines with Hook-Blade Knife.

Attachment 3A- T. O. 14D1-2-1 Section III

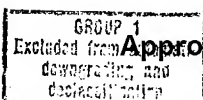
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Attachments  
See listed above

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1. Test jumps were conducted [ ] in 1967 and 1968 on the mid-air modification using the old method of cutting the lines with a hook-blade knife as outlined in T.O. 14D1-2-1 section III (see attachment 3A).

2. During these tests it was difficult for the jumper to pull and hold the risers down to cut the lines while wearing the full-pressure suit with a 52 pound survival kit. (see attachment 3).

3. This problem was eliminated with the design of a telescoping hook blade knife (see attachment 3, page 5 and 6).

4. The new method of releasing the lines eliminate all problems encountered in cutting the line to perform a mid-air modification.

SIGNED

[ ]

October 20, 1969

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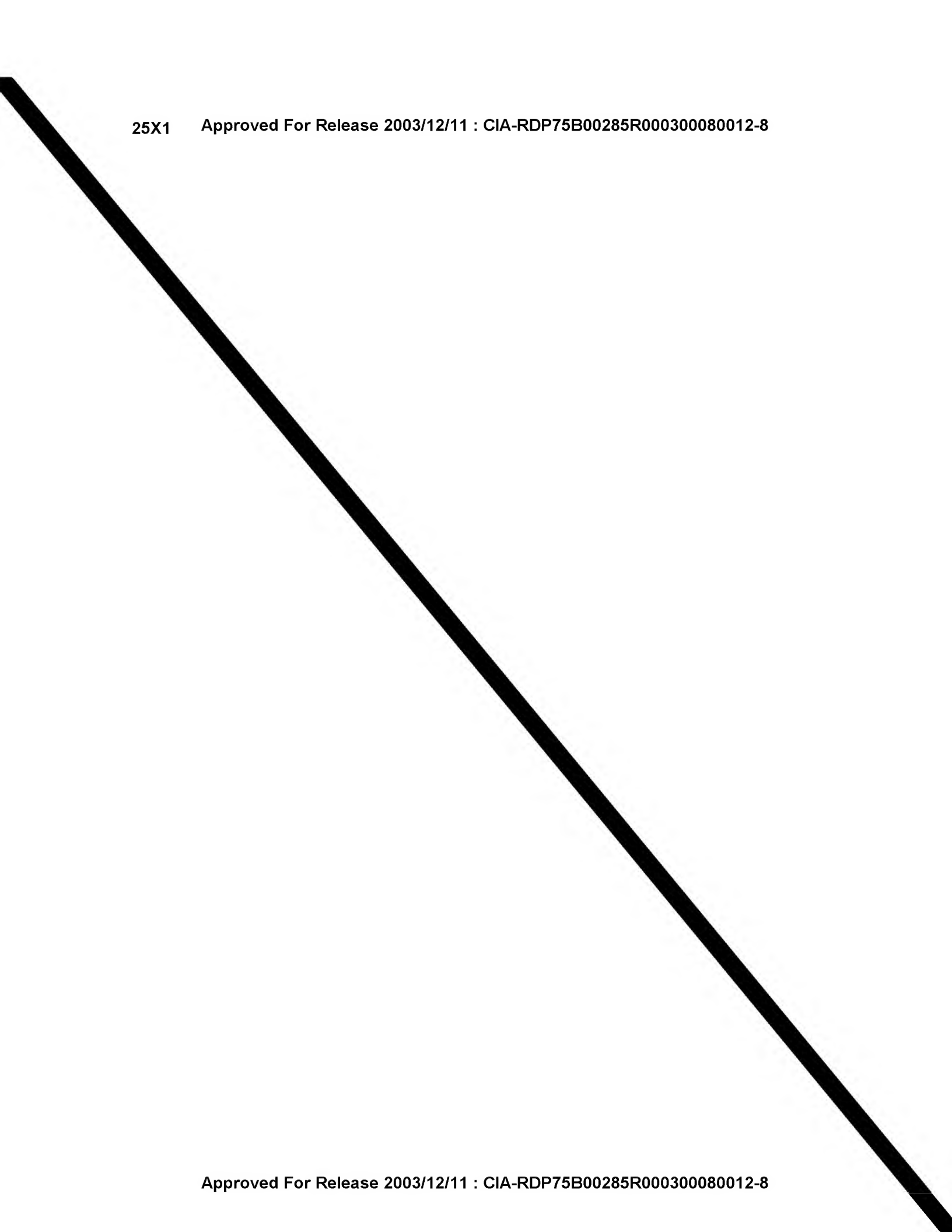
AMS/OSA

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